

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Paul T. Wingett et al.

Serial No.: To be assigned

Filed: Herewith

Title: METHOD AND APPARATUS FOR DETECTING THE STRAIN LEVELS IMPOSED  
ON A CIRCUIT BOARD

Docket No.: H0005078-1070

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is being filed in accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §§1.97-1.98.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants reserve the right to dispute any of the listed documents as prior art during examination. Further, Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. Furthermore, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist.

The documents submitted in this Information Disclosure statement are provided contemporaneously with the filing of the above cited application, therefore within 3 months of filing, before the first office action, and therefore, no statement or fee under 37 C.F.R. 1.17(p) is required.

The Examiner is requested to initial the enclosed Form PTO-1449 and return a copy thereof to the undersigned.

Respectfully submitted,

Date: 12/8/03

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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>H0005078-1070</b>	Application No. <b>To be assigned</b>
	Applicant <b>Paul T. Wingett et al.</b>		
	Filing Date <b>Herewith</b>	Group Art Unit <b>Unknown</b>	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
		2002/0017137	N/A	Ueyanagi et al.			
		3,387,120	06/04/1968	J.N. Funk et al.			
		3,733,424	05/15/1973	Pitts et al.			
		4,336,595	06/22/1982	Adams et al.			
		5,195,046	03/16/1993	Gerardi et al.			
		5,587,535	12/24/1996	Sasaki et al.			
		5,734,110	03/31/1998	Kosmal			
		5,969,260	10/19/1999	Belk et al.			
		6,195,082	02/27/2001	May et al.			
		6,553,846	04/29/2003	Mattes			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
		JP02001015882A	01/19/2001	Japan				x

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
		JUVINALL, ROBERT C., "Electric-Resistance Strain Gages", 1967, Engineering Considerations of Stress, Strain, and Strength, p. 503-505

Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	